



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera/

Labrador & Fundora Corp. dba V & V Windows
2355 W 4th Avenue
Hialeah, FL 33010-1454

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "200" Aluminum Horizontal Sliding Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W10-26**, titled "Series 200 Alum. Horiz. Sliding. Wdw. (L.M.I.)", sheets 1 through 6 of 6, dated 04/23/10 with revision B dated 11/22/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA # **10-0824.05** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 12-0113.01
Expiration Date: December 30, 2015
Approval Date: March 01, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W10-26**, titled "Series 200 Alum. Horiz. Sliding. Wdw. (L.M.I.)", sheets 1 through 6 of 6, dated 04/23/10 with revision B dated 11/22/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of horizontal slider, prepared by American Test Lab of South Florida, Inc., Test Report No. **ATLSF-0126.01-10**, dated 06/08/10, signed and sealed by Edmundo J. Largaespada, P. E.

(Submitted under previous NOA# 10-0824.05)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007 and FBC-2010, prepared by Al-Farooq Corporation, dated 06/24/10 and revised on 11/21/11, signed and sealed by Javad Ahmad, P. E.
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

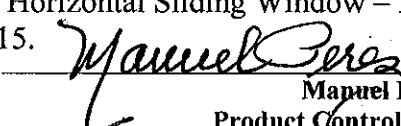
1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **11-0624.01** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 09/08/11, expiring on 12/11/16.

F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2007 and FBC-2010, and of no financial interest, dated November 21, 2011, signed and sealed by Javad Ahmad, P. E.
2. Laboratory compliance letter for Test Report No. **ATLSF-0126.01-10**, issued by American Test Lab of South Florida, Inc., dated 06/08/10, signed and sealed by Edmundo J. Largaespada, P. E. *(Submitted under previous NOA# 10-0824.05)*

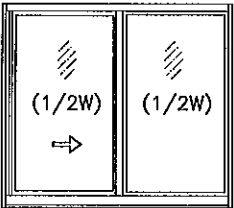
G. OTHERS

1. Notice of Acceptance No. **10-0824.05**, issued to Labrador & Fundora Corp. dba V & V Windows for their Series "200" Aluminum Horizontal Sliding Window – L.M.I., approved on 12/30/10 and expiring on 12/30/15.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0113.01
Expiration Date: December 30, 2015
Approval Date: March 01, 2012

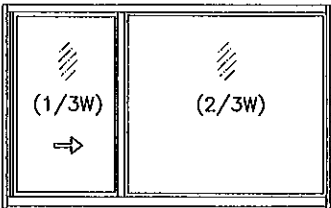
DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)						
WINDOW DIMS. WIDTH HEIGHT		A	GLASS TYPES 'B' & 'C'		GLASS TYPE 'D'	
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	26"	3	70.0	70.0	80.0	90.0
37"		4	70.0	70.0	80.0	90.0
53-1/8"		6	70.0	70.0	80.0	90.0
74"		6	70.0	70.0	80.0	90.0
26-1/2"	38-3/8"	3	70.0	70.0	80.0	90.0
37"		4	70.0	70.0	80.0	90.0
53-1/8"		6	70.0	70.0	80.0	90.0
74"		6	70.0	70.0	80.0	90.0
26-1/2"	50-5/8"	3	70.0	70.0	80.0	90.0
37"		4	70.0	70.0	80.0	90.0
53-1/8"		6	70.0	70.0	80.0	90.0
74"		6	70.0	70.0	80.0	90.0
26-1/2"	63"	3	70.0	70.0	80.0	90.0
37"		4	70.0	70.0	80.0	90.0
53-1/8"		6	70.0	70.0	80.0	90.0
74"		6	70.0	70.0	80.0	89.0
24"	24"	3	70.0	70.0	80.0	90.0
36"		4	70.0	70.0	80.0	90.0
48"		5	70.0	70.0	80.0	90.0
60"		7	70.0	70.0	80.0	90.0
72"		8	70.0	70.0	80.0	90.0
24"	36"	3	70.0	70.0	80.0	90.0
36"		4	70.0	70.0	80.0	90.0
48"		5	70.0	70.0	80.0	90.0
60"		7	70.0	70.0	80.0	90.0
72"		8	70.0	70.0	80.0	90.0
24"	48"	3	70.0	70.0	80.0	90.0
36"		4	70.0	70.0	80.0	90.0
48"		5	70.0	70.0	80.0	90.0
60"		7	70.0	70.0	80.0	90.0
72"		8	70.0	70.0	80.0	90.0
24"	60"	3	70.0	70.0	80.0	90.0
36"		4	70.0	70.0	80.0	90.0
48"		5	70.0	70.0	80.0	90.0
60"		7	70.0	70.0	80.0	90.0
72"		8	70.0	70.0	80.0	90.0
24"	63"	3	70.0	70.0	80.0	90.0
36"		4	70.0	70.0	80.0	90.0
48"		5	70.0	70.0	80.0	90.0
60"		7	70.0	70.0	80.0	90.0
72"		8	70.0	70.0	80.0	90.0

A = NO. OF ANCHORS PER HEAD & SILL



OPERATING VENTS TO BE 1/2 OF THE WINDOW WIDTH

'XO OR OX'

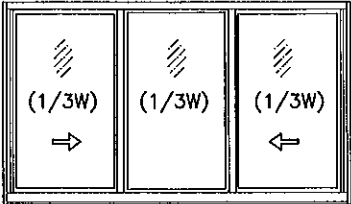


OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

'XO OR OX'

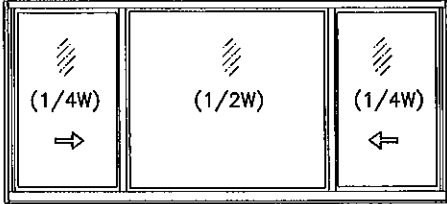
DESIGN LOAD CAPACITY - PSF (XOX SIZES)						
WINDOW DIMS. WIDTH HEIGHT		A	GLASS TYPES 'B' & 'C'		GLASS TYPE 'D'	
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
74"	26"	8	70.0	70.0	80.0	90.0
106-1/4"		12	70.0	70.0	80.0	90.0
111"		12	70.0	70.0	80.0	90.0
74"	38-3/8"	8	70.0	70.0	80.0	90.0
106-1/4"		12	70.0	70.0	80.0	90.0
111"		12	70.0	70.0	80.0	90.0
74"	50-5/8"	8	70.0	70.0	80.0	90.0
106-1/4"		12	70.0	70.0	80.0	90.0
111"		12	70.0	70.0	80.0	90.0
74"	63"	8	70.0	70.0	80.0	90.0
106-1/4"		12	70.0	70.0	80.0	90.0
111"		12	70.0	70.0	80.0	89.0
72"	36"	8	70.0	70.0	80.0	90.0
84"		9	70.0	70.0	80.0	90.0
96"		11	70.0	70.0	80.0	90.0
108"		12	70.0	70.0	80.0	90.0
72"	48"	8	70.0	70.0	80.0	90.0
84"		9	70.0	70.0	80.0	90.0
96"		11	70.0	70.0	80.0	90.0
108"		12	70.0	70.0	80.0	90.0
72"	60"	8	70.0	70.0	80.0	90.0
84"		9	70.0	70.0	80.0	90.0
96"		11	70.0	70.0	80.0	90.0
108"		12	70.0	70.0	80.0	90.0
72"	63"	8	70.0	70.0	80.0	90.0
84"		9	70.0	70.0	80.0	90.0
96"		11	70.0	70.0	80.0	90.0
108"		12	70.0	70.0	80.0	90.0

A = NO. OF ANCHORS PER HEAD & SILL



OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

'XOX'



OPERATING VENTS TO BE 1/4 OF THE WINDOW WIDTH

'XOX'

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-04 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

NOV 22 2011

PRODUCT REVISED
as complying with the Florida
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Acceptance No 12-0113.01
Expiration Date DEC 30, 2015
By *Manuel*
Miami Trade Product Control

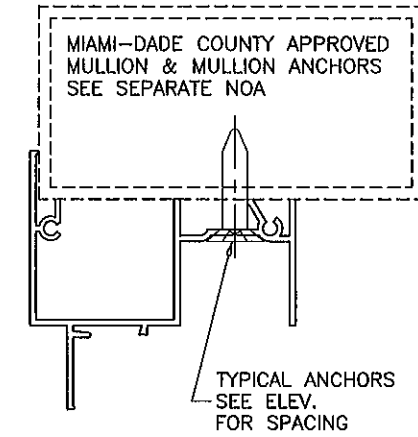
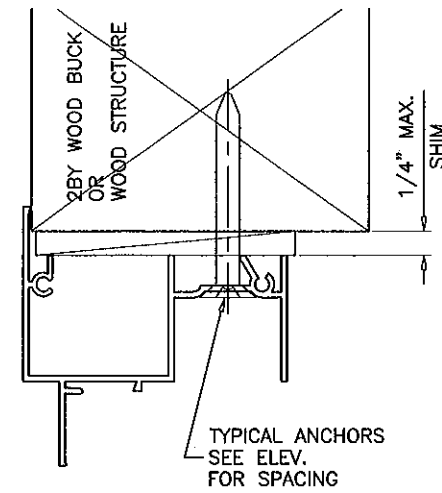
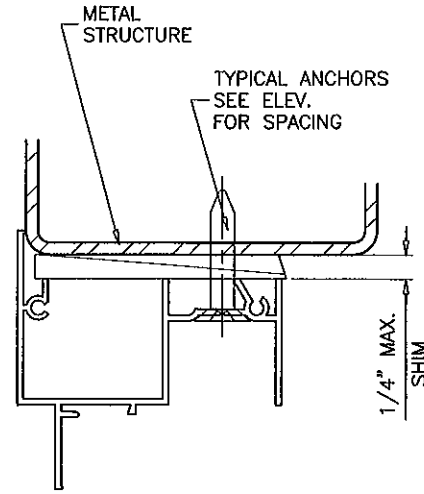
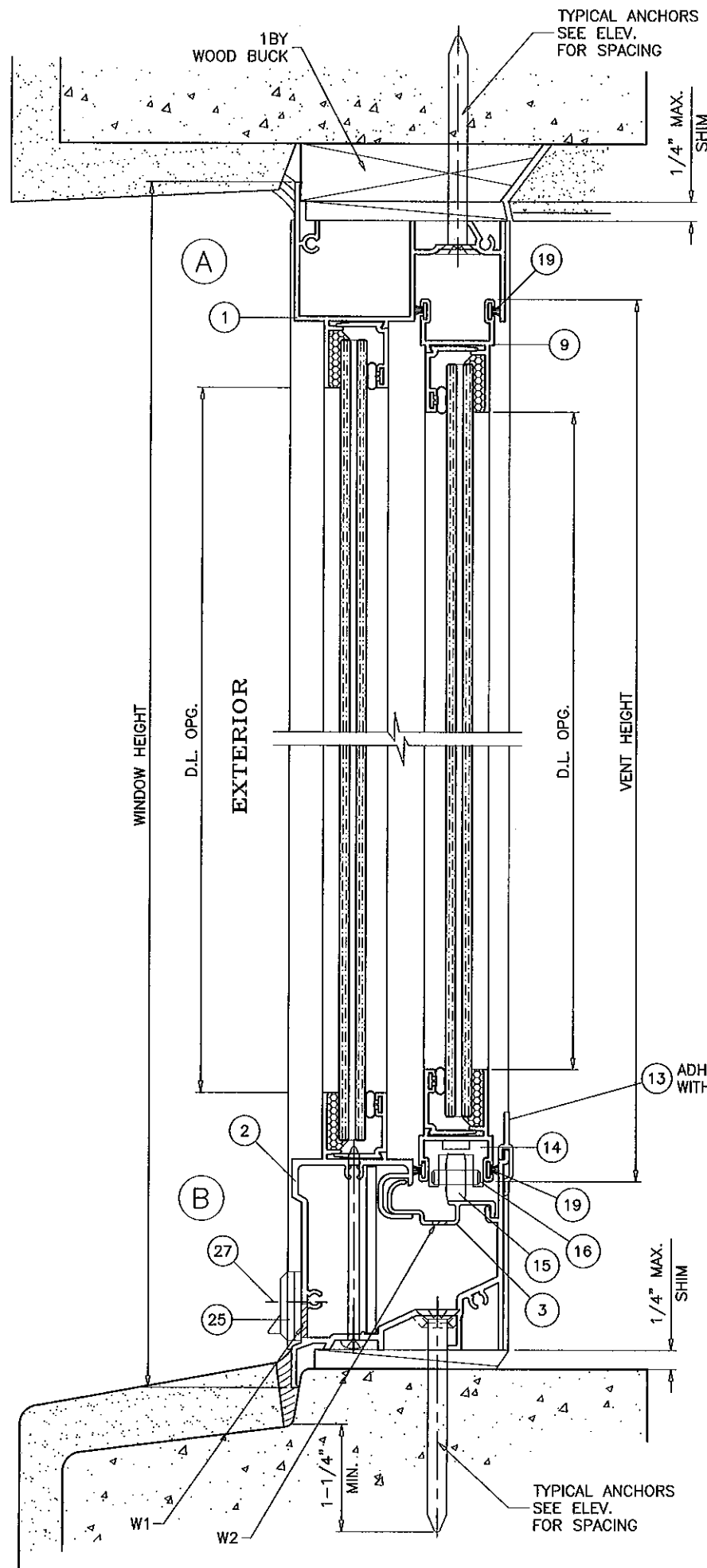
afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 262-6978
FAX (305) 262-6978
COMP-ANL\W10-26W

SERIES 200 ALUM. HORIZ. SLIDING WDW. (L.M.I.)
Labrador & Fundora Corp.
dba-V & V Windows
2355 West 4th Ave.
Hialeah, FL 33010
TEL (305) 888-4151 FAX (305) 888-1042

no	date	by	description
A	11.16.10		NO CHANGE THIS SHEET
B	11.22.11		NO CHANGE THIS SHEET

date: 04-23-10
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W10-26
sheet 2 of 6



WOOD BUCKS AND METAL STRUCTURE NOT BY V & V WDW.
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

WEEPHOLES:

- W1 = 3/4" X 1-1/8" WEEP SLOT AT 2" FROM EACH END
WITH PLASTIC BAFFLE.
- W2 = 3/16" X 1-1/2" WEEP SLOT AT 2" FROM EACH END
- W3 = 1/8" X 1-3/4" WEEP SLOT AT MID WIDTH OF VENT.

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
PECORA 1215 SEAM SEALER.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

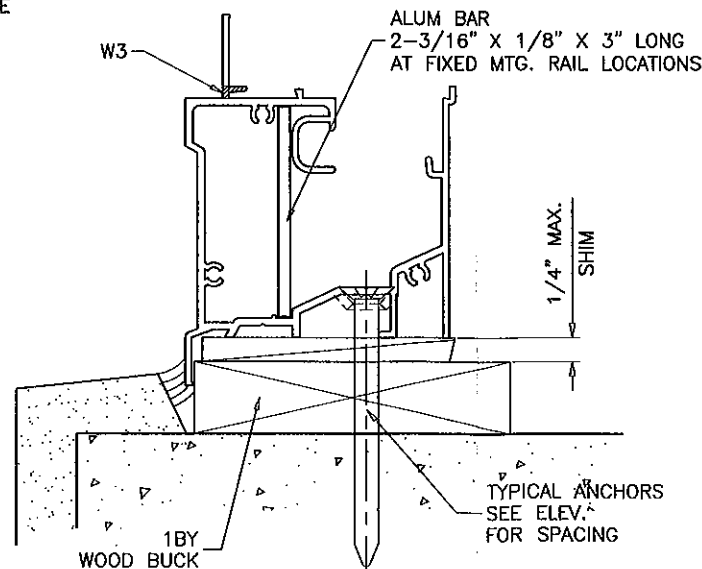
#12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
(NO SHIM SPACE)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
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NOV 22 2011

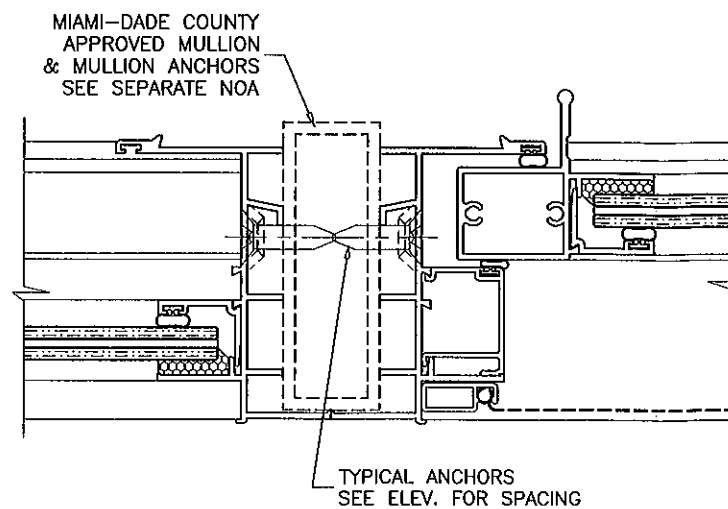
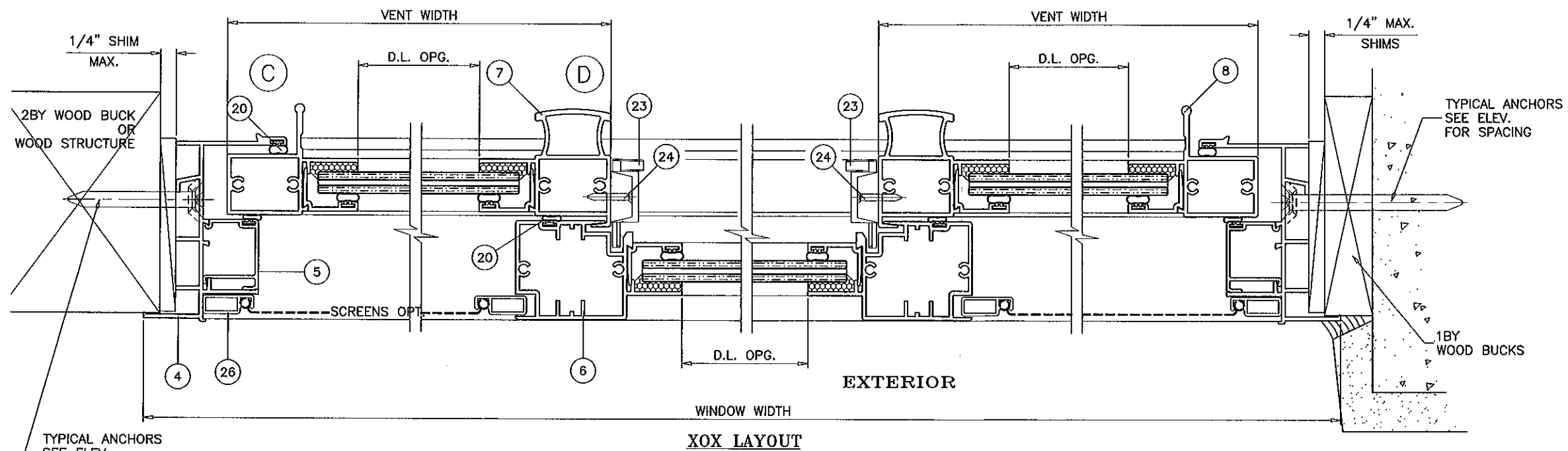
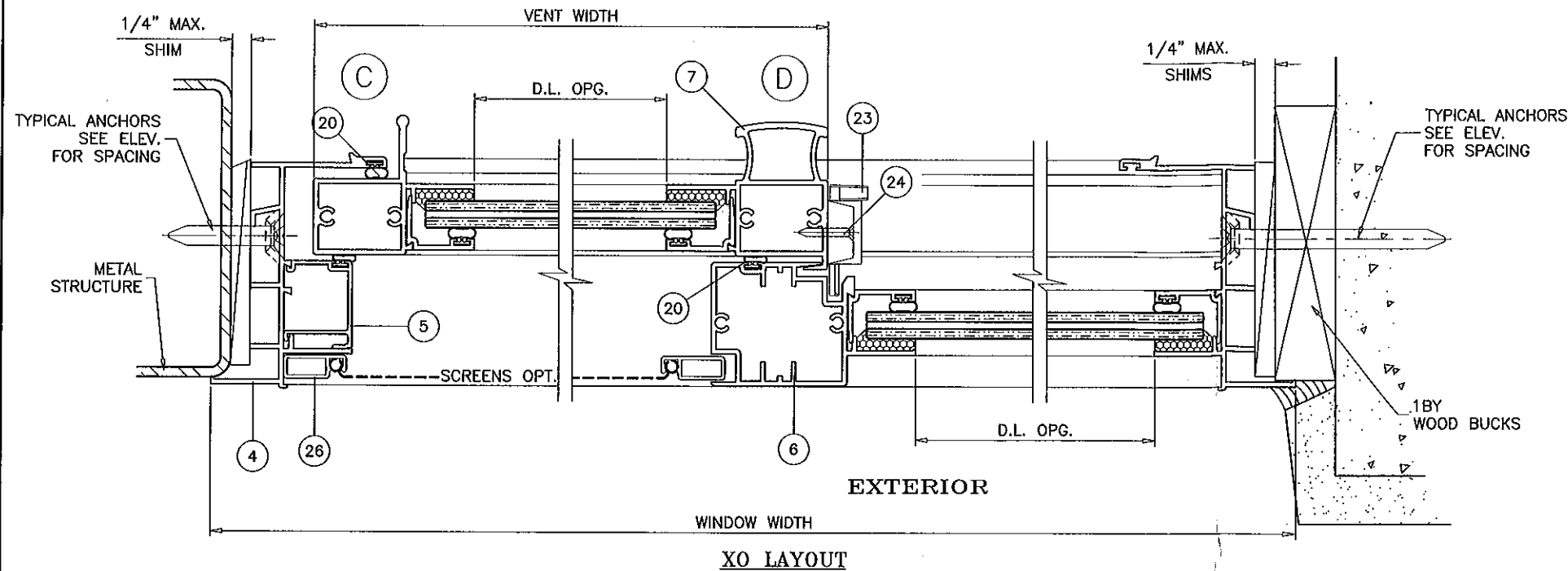
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By *Manuel*
Miami Dade Product Control

afC
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ENGINEERS & PRODUCT DEVELOPMENT
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MIAMI, FLORIDA 33174
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	B	11.22.11	NO CHANGE THIS SHEET	
date:	04-23-10			
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dr. by:	HAMID			
chk. by:				
drawing no.	W10-26			
sheet	3 of 6			



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

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By *Muhammad Javed*
Miami Dade Product Control

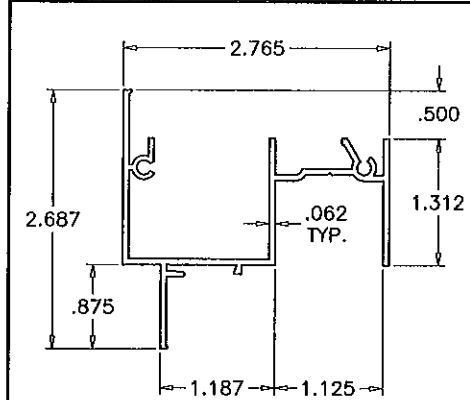
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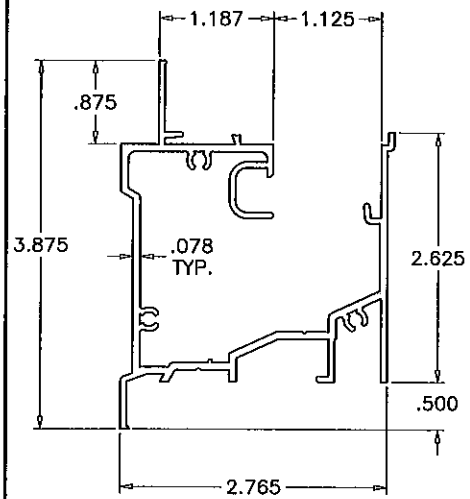
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chk. by:

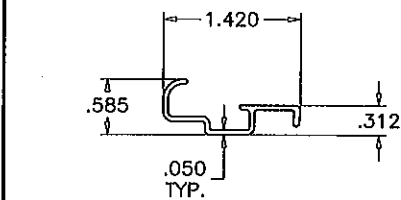
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W10-26
sheet 4 of 6



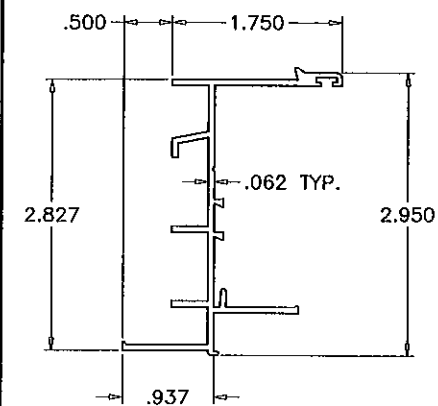
① FRAME HEAD



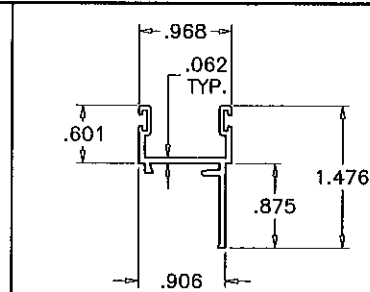
② FRAME SILL



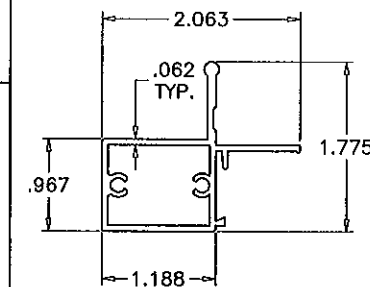
③ SILL TRACK



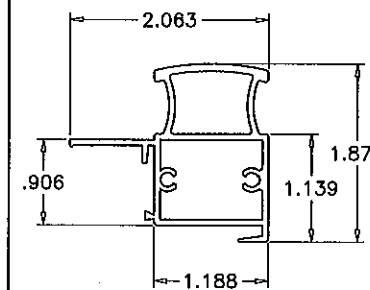
④ FRAME JAMB



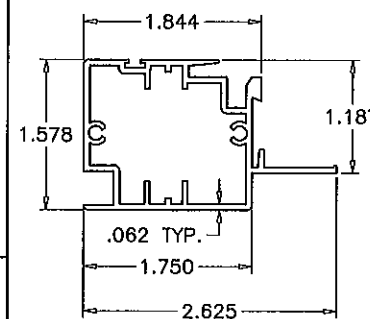
⑨ VENT TOP/BOTTOM RAIL



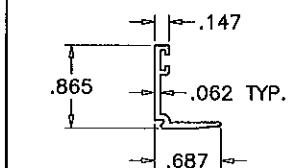
⑧ JAMB STILE



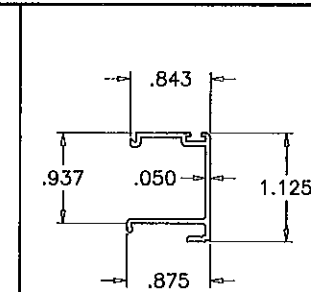
⑦ MEETING RAIL



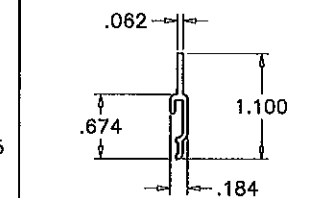
⑥ FIXED MTG. RAIL



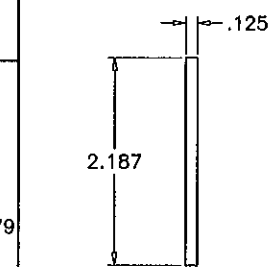
⑩ GLAZING BEAD



⑤ JAMB ADAPTER



⑬ SILL RISER



ALUMINUM BAR

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	V103	1	FRAME HEAD	6063-T6	-
2	V202	1	FRAME SILL	6063-T6	-
3	V203	1	SILL TRACK	6063-T6	-
4	V201	2	FRAME JAMB	6063-T6	-
5	V205	AS REQD.	FRAME JAMB ADAPTER	6063-T6	-
6	V104	1/ VENT	FIXED MTG. RAIL	6063-T6	-
7	V204	1/ VENT	VENT INTERLOCK	6063-T6	-
8	V209	1/ VENT	JAMB STILE	6063-T6	-
9	V107	2/ VENT	TOP AND BOTTOM RAIL	6063-T6	-
10	V108	AS REQD.	GLAZING BEAD	6063-T6	-
13	-	AS REQD.	ADD-ON SILL RISER	6063-T6	USE AS REQD.
14	-	4/ VENT	ROLLER HOUSING & GUIDE	CELCON	-
15	V208	2/ VENT	ROLLER	BRASS	-
16	V207	2/ VENT	ROLLER PIN	ST. STEEL	-
17	#8 X 1-1/4"	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	CRS	P.H. SMS
18	#8 X 3"	2/ VENT	FIX. RAIL SILL SCREWS (SILL END)	CRS	P.H. SMS
19	-	AS REQD.	FIN SEAL W'STRIPPING	-	ULTRAFAB
20	9146QU	AS REQD.	BULB SEAL (DUAL DUROMETER, T-SLOT=50, BULB=73)	NEOPRENE	ULTRAFAB
22	9146QU	AS REQD.	GLAZING BEAD BULB (DUAL DUROMETER, T-SLOT=50, BULB=73)	NEOPRENE	ULTRAFAB
23	-	2/ VENT	SWEEP LATCH	-	AT 6-1/2" FROM EACH END
24	#8 X 3/4"	2/ LATCH	LATCH INST. SCREW	ST. STEEL	PH SMS
25	-	2/ WDW.	WEEP VALVE	-	-
26	-	1/ VENT	5/16" BOX SCREEN	-	OPTIONAL
27	#6 X 1/2"	2	BAFFLE INSTALLATION SCREWS	-	PH TEKS

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

NOV 22 2011

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0113-01
Expiration Date Dec 30, 2015

By: *Maurice Pera*
Miami Dade Product Control

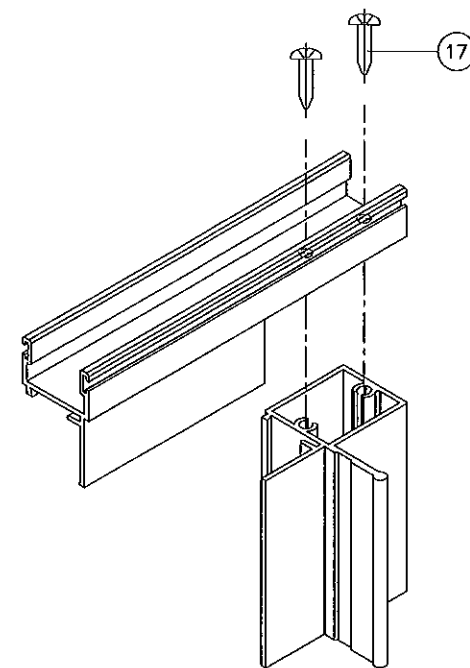
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W10-26V

SERIES 200 ALUM. HORIZ. SLIDING WDW. (L.M.I.)
Labrador & Fundora Corp.
dba-V & V Windows
2355 West 4th Ave.
Hialeah, FL 33010
TEL. (305) 888-4151 FAX. (305) 888-1042

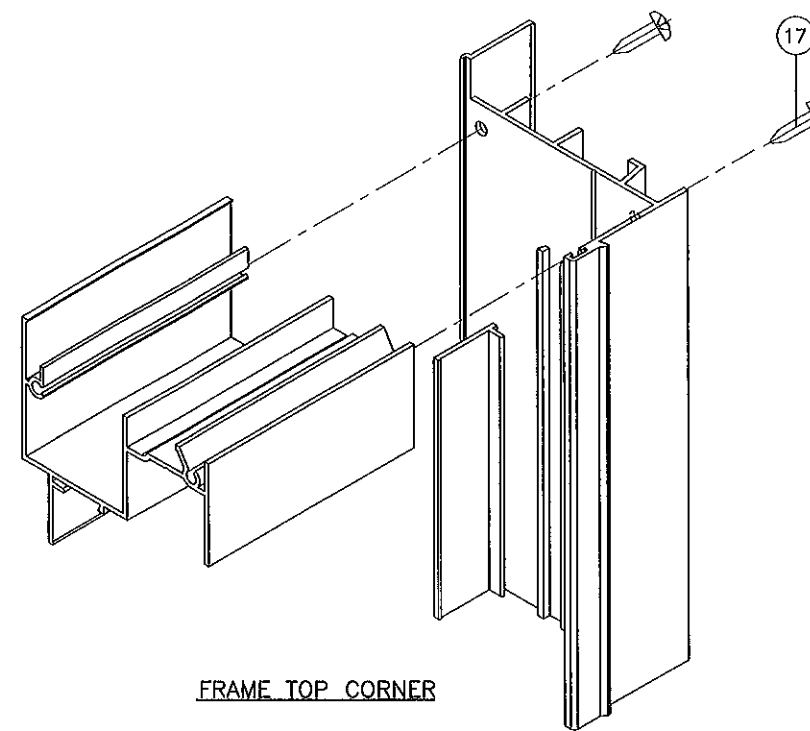
Revisions:
no. date by description
A 11.16.10 REV. PER BOCO COMMENTS
B 11.22.11 NO CHANGE THIS SHEET

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dr. by: HAMID
chk. by:

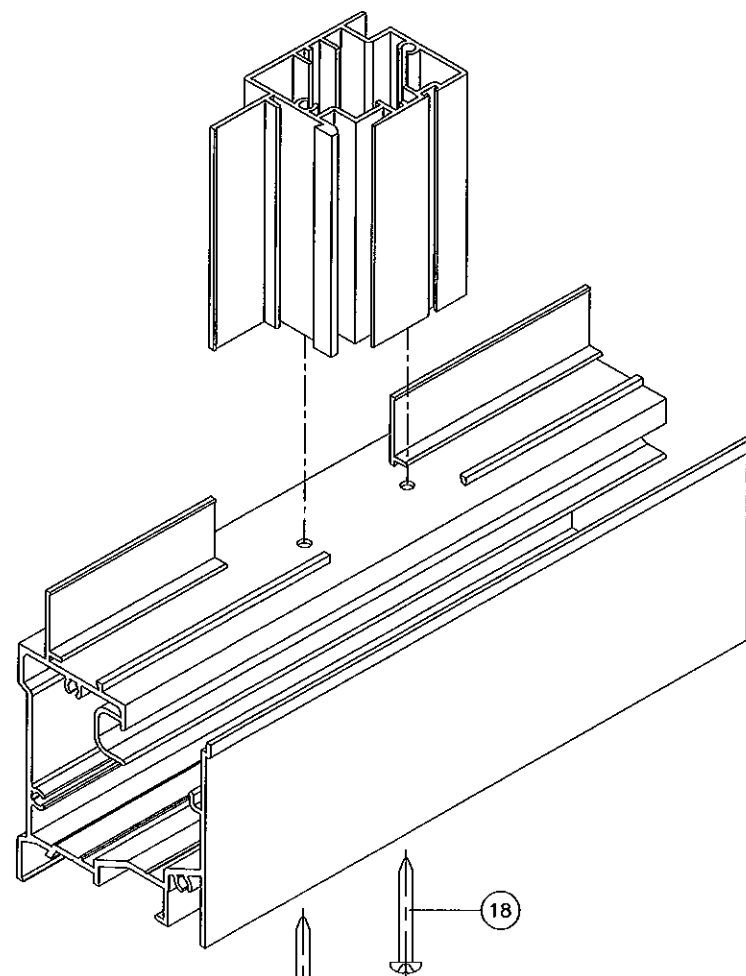
drawing no.
W10-26
sheet 5 of 6



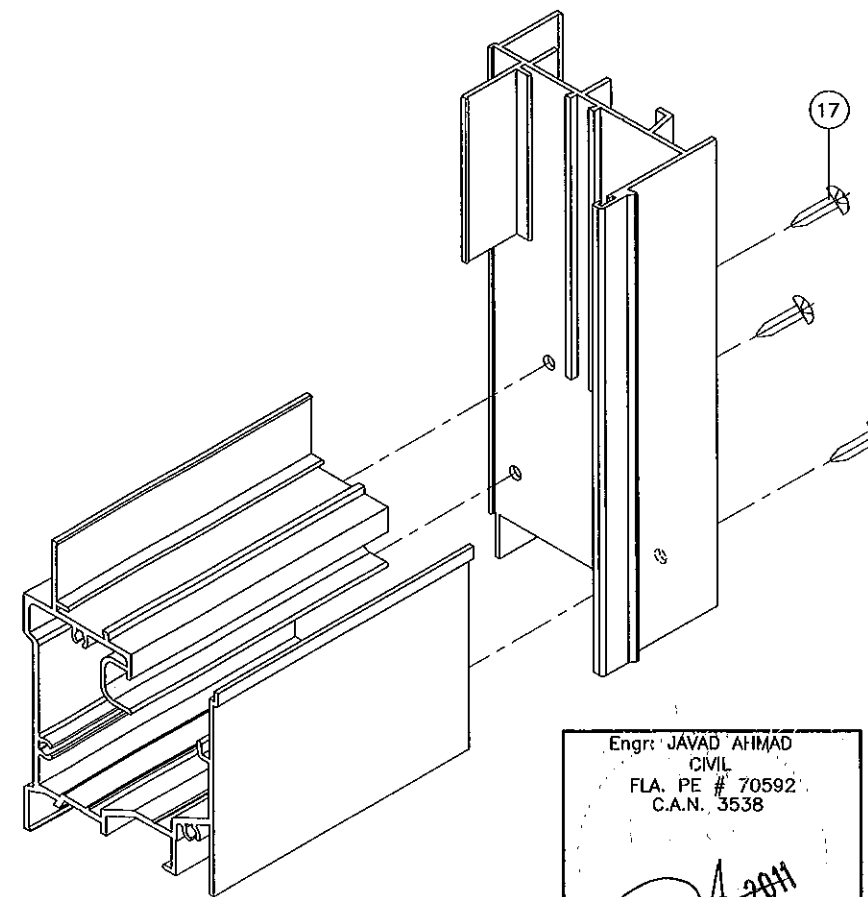
VENT TOP/BOTTOM CORNERS



FRAME TOP CORNER



FIXED MTG. RAIL CORNER



FRAME BOTTOM CORNER

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
NOV 24 2011

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Acceptance No 12-0113.01
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By *Mamuel Pera*
Miami Dade Product Control

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dr. by: HAMID		A	11.16.10		NO CHANGE THIS SHEET
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drawing no

W10-26

sheet 6 of 6

date: 04-23-10	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
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drawing no.
W10-26
sheet 6 of 6

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